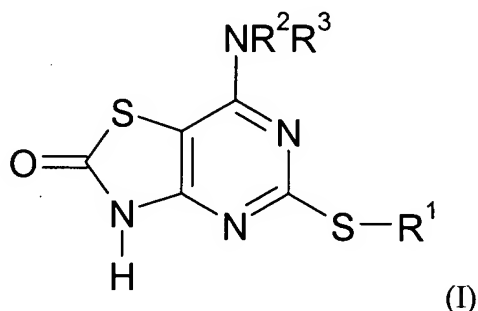


Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A compound of formula (I) or a pharmaceutically acceptable salt or solvate thereof:



in which

R¹ represents a C₃-C₇ carbocyclic, C₁-C₈ alkyl, C₂-C₆ alkenyl or C₂-C₆ alkynyl group, each of the groups being optionally substituted by one or more substituent groups independently selected from halogen atoms, -OR⁴, -NR⁵R⁶, -CONR⁵R⁶, -COOR⁷, -NR⁸COR⁹, -SR¹⁰, -SO₂R¹⁰, -SO₂NR⁵R⁶, -NR⁸SO₂R⁹ or an aryl or heteroaryl group, both of which may be optionally substituted by one or more substituents independently selected from halogen atoms, cyano, nitro, -OR⁴, -NR⁵R⁶, -CONR⁵R⁶, -COOR⁷, -NR⁸COR⁹, -SR¹⁰, -SO₂R¹⁰, -SO₂NR⁵R⁶, -NR⁸SO₂R⁹, C₁-C₆ alkyl or trifluoromethyl groups;

R² and R³ each independently represent a hydrogen atom, or a C₃-C₇ carbocyclic, C₁-C₈ alkyl, C₂-C₆ alkenyl or C₂-C₆ alkynyl group, the latter four groups may be optionally substituted by one or more substituent groups independently selected from:

- (a) halogen atoms, $-OR^4$, $-NR^5R^6$, $-CONR^5R^6$, $-COOR^7$, $-NR^8COR^9$, $-SR^{10}$, $-SO_2R^{10}$, $-SO_2NR^5R^6$, $-NR^8SO_2R^9$
- (b) a 3-8 membered ring optionally containing one or more atoms selected from O, S, NR^8 and itself optionally substituted by C_1 - C_3 -alkyl or halogen,
- (c) an aryl group or heteroaryl group each of which may be optionally substituted by one or more substituents independently selected from halogen atoms, cyano, nitro, $-OR^4$, $-NR^5R^6$, $-CONR^5R^6$, $-NR^8COR^9$, $-SO_2NR^5R^6$, $-NR^8SO_2R^9$, C_1 - C_6 alkyl and trifluoromethyl groups;

R^4 represents hydrogen, C_1 - C_6 alkyl or a phenyl group the latter two of which may be optionally substituted by one or more substituent groups independently selected from halogen atoms, phenyl, $-OR^{11}$ and $-NR^{12}R^{13}$

R^5 and R^6 independently represent a hydrogen atom or a C_1 - C_6 alkyl or phenyl group the latter two of which may be optionally substituted by one or more substituent groups independently selected from halogen atoms, phenyl, $-OR^{14}$ and $-NR^{15}R^{16}$, $-CONR^{15}R^{16}$, $-NR^{15}COR^{16}$, $-SONR^{15}R^{16}$, $NR^{15}SO_2R^{16}$

or

R^5 and R^6 together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring system optionally containing a further heteroatom selected from oxygen and nitrogen atoms, which ring system may be optionally substituted by one or more substituent groups independently selected from phenyl, $-OR^{14}$, $-COOR^{14}$, $-NR^{15}R^{16}$, $-CONR^{15}R^{16}$, $-NR^{15}COR^{16}$, $-SONR^{15}R^{16}$, $NR^{15}SO_2R^{16}$ or C_1 - C_6 alkyl, itself optionally substituted by one or more substituents independently selected from halogen atoms and $-NR^{15}R^{16}$ and $-OR^{17}$ groups;

R^{10} represents a hydrogen atom or a C_1 - C_6 -alkyl or a phenyl group, the latter two of which may be optionally substituted by one or more substituent groups independently selected from halogen atoms, phenyl, $-OR^{17}$ and $-NR^{15}R^{16}$; and

each of R^7 , R^8 , R^9 , R^{11} , R^{12} , R^{13} , R^{14} , R^{15} , R^{16} , R^{17} independently represents a hydrogen atom or a C_1 - C_6 , alkyl, or a phenyl group.

2. (Original) A compound according to claim 1, wherein R^1 represents an optionally substituted benzyl group.

3. (Previously presented) A compound according to claim 1 wherein one of R^2 and R^3 is hydrogen and the other is C_1 - C_8 alkyl substituted by hydroxy.

4. (Currently Amended) A compound according to claim 1 selected from:

7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,

(*R*)-7-[[1-(Hydroxymethyl)propyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,

(*R*)-7-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,

5-[[[(2,3-Difluorophenyl)methyl]thio]-7-[(2-hydroxy-1,1-dimethylethyl)amino] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,

5-[[[(2,3-Difluorophenyl)methyl]thio]-7-[[1*R*]-2-hydroxy-1-methylethyl]amino] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,

5-[[[(2,3-difluorophenyl)methyl]thio]-7-[[2-(hydroxyethoxy)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,

5-[[[(2,3-difluorophenyl)methyl]thio]-7-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,

7-[(2-aminoethyl)amino]-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,

5-[[[(2,3-difluorophenyl)methyl]thio]-7-[(2-hydroxyethyl)amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
N-[2-[[5-[[[(2,3-difluorophenyl)methyl]thio]-2,3-dihydro-2-oxothiazolo[4,5-*d*]pyrimidin-7-yl]amino]ethyl]methanesulfonamide,
(+/-)-5-[[[(2,3-difluorophenyl)methyl]thio]-7-[[2-(2-hydroxyethoxy)-1-methylethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
7-[[[(1*R*)-2-amino-1-methylethyl]amino]-5-[[[(2,3-difluorophenyl)methyl]thio] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[(2,3-difluorophenyl)methyl]thio]-7-[[[(1*R*)-2-[(2-hydroxyethyl)amino]-1-methylethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[(2,3-difluorophenyl)methyl]thio]-7-[[[(1*R*)-2-(dimethylamino)-1-methylethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[4-(2-aminoethoxy)-3-chlorophenyl]methyl]thio]-7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[3-Chloro-4-methoxyphenyl]methyl]thio]-7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[3-Chloro-2-fluorophenyl]methyl]thio]-7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[(2,3-Difluorophenyl)methyl]thio]-7-[[[(3*R*,4*R*)-4-hydroxypyrrolidin-3-yl]amino]-thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[(2,3-Difluorophenyl)methyl]thio]-7-[(3*R*)-pyrrolidin-3-ylamino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
7-[[[(1*R*)-2-Hydroxy-1-methylethyl]amino]-5-[[[(2-methyl-4-thiazolyl)methyl]thio] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
7-[[2-Hydroxy-1-(hydroxymethyl)ethyl]amino]-5-[[[(2-methyl-4-thiazolyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[[[(2-methyl-4-thiazolyl)methyl]thio] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,

7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[[[(2-methylphenyl)methyl]thio] thiazolo[4,5-
d]pyrimidin-2(3*H*)-one,
5-[(2-Furanylmethyl)thio]-7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino]thiazolo[4,5-*d*]pyrimidin-
2(3*H*)-one,
7-[[[(1*R*)-2-Amino-1-methylethyl]amino]-5-[[[(3-chloro-2-fluorophenyl)methyl]thio] thiazolo[4,5-
d]pyrimidin-2(3*H*)-one
(2*S*)-2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2,3-dihydro-2-oxothiazolo[4,5-*d*]pyrimidin-7-
yl]amino]-3-hydroxy-propanamide,
7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino]-5-[(2-thienylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-
2(3*H*)-one,
7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino]-5-[[[3-methyl-4-
(methylsulfonyl)phenyl]methyl]thio]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[3-chloro-4-(trifluoromethoxy)phenyl]methyl]thio]-7-[[[(1*R*)-2-hydroxy-1-
methylethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[2-fluoro-3-(trifluoromethyl)phenyl]methyl]thio]-7-[[[(1*R*)-2-hydroxy-1-
methylethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[(2,3-difluorophenyl)methyl]thio]-7-[2-[(dimethylamino)ethyl]amino]thiazolo[4,5-
d]pyrimidin-2(3*H*)-one,
5-[[[(2-fluorophenyl)methyl]thio]-7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino] thiazolo[4,5-
d]pyrimidin-2(3*H*)-one,
7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino]-5-[[[(2-methoxyphenyl)methyl]thio] thiazolo[4,5-
d]pyrimidin-2(3*H*)-one,
7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino]-5-[(2-phenoxyethyl)thio]thiazolo[4,5-*d*]pyrimidin-
2(3*H*)-one,
7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino]-5-[[[(3-methylphenyl)methyl]thio] thiazolo[4,5-
d]pyrimidin-2(3*H*)-one,
5-[[[(2-fluoro-3-methylphenyl)methyl]thio]-7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino]
thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,

5-[[[(3-chlorophenyl)methyl]thio]-7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[(3-bromophenyl)methyl]thio]-7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[4-(difluoromethoxy)phenyl]methyl]thio]-7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
(+/-)-5-[[[(2,3-difluorophenyl)methyl]thio]-7-[[2-hydroxy-1-(methoxymethyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
7-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[(2-bromophenyl)methyl]thio]-7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[(2,3-Difluorophenyl)methyl]thio]-7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[3-Chloro-2-fluorophenyl)methyl]thio]-7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
(+/-)-5-[[[(2,3-difluorophenyl)methyl]thio]-7-[[2-hydroxy-1-(methoxymethyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
7-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
7-[[[(1*R*)-2-Hydroxy-1-methylethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[(5-chloro-1,2,3-thiadiazol-4-yl)thio]-7-[[[(1*R*)-2-hydroxy-1-methylethyl]amino]-thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
and their pharmaceutically acceptable salts and solvates.

5. (Original) A compound according to claim 1 selected from:

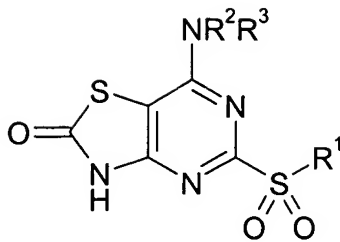
5-[[(2,3-Difluorophenyl)methyl]thio]-7-[[(1*R*)-2-hydroxy-1-methylethyl]amino] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one sodium salt,
5-[[(3-Chloro-2-fluorophenyl)methyl]thio]-7-[[(1*R*)-2-hydroxy-1-methylethyl]amino] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one sodium salt,
(+/-)-5-[[(2,3-difluorophenyl)methyl]thio]-7-[[2-hydroxy-1-(methoxymethyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one sodium salt,
7-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one sodium salt, or
7-[[(1*R*)-2-Hydroxy-1-methylethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one sodium salt.

6. (Original) A compound according to claim 1 selected from:

7-[[(1*R*)-2-amino-1-methylethyl]amino]-5-[[(2,3-difluorophenyl)methyl]thio] thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one trifluoroacetate,
5-[[(2,3-difluorophenyl)methyl]thio]-7-[[(1*R*)-2-[(2-hydroxyethyl)amino]-1-methylethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one trifluoroacetate,
5-[[(2,3-difluorophenyl)methyl]thio]-7-[[(1*R*)-2-(dimethylamino)-1-methylethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one,
5-[[[4-(2-aminoethoxy)-3-chlorophenyl]methyl]thio]-7-[[(1*R*)-2-hydroxy-1-methylethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one trifluoroacetate,
5-[[(2,3-difluorophenyl)methyl]thio]-7-[2-[(dimethylamino)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one monohydrochloride, or
5-[[(2,3-Difluorophenyl)methyl]thio]-7-[(3*R*)-pyrrolidin-3-ylamino]thiazolo[4,5-*d*]pyrimidin-2(3*H*)-one dihydrochloride.

7. (Original) A process for the preparation of a compound of formula (I) as defined in claim 1 which comprises:

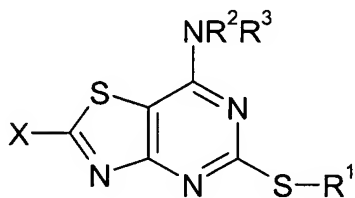
(a) treating a compound of formula (IIA):



(IIA)

where R^1 , R^2 and R^3 are as defined in formula (I) with a thiol R^1SH in the presence of a suitable base, or

(b) treatment of a compound of formula (IIB):



(IIB)

where R^1 , R^2 and R^3 are as defined in formula (I) and X is a leaving group with a metal alkoxide, followed by treatment with an acid or base, and optionally after (a) or (b) forming a pharmaceutically acceptable salt.

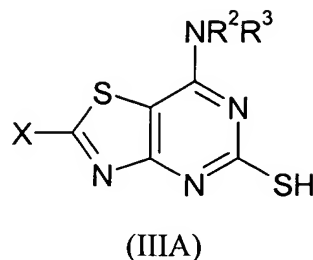
8. (Currently amended) A compound of formula (IIA) or (IIB) as defined in claim 7,

wherein X is halogen and with the proviso that formula (IIB) cannot represent the compounds:

i.) 2-[-2-Bromo-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-methyl-1-propanol; or

ii.) 2-[-2-Bromo-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-methyl-1-propanol.

9. (Original) A compound of formula (IIIA):



where R^2 and R^3 are as defined in formula (I) and X is NH_2

10. (Currently Amended) A pharmaceutical composition comprising a compound of formula (I), or a pharmaceutically acceptable salt ~~or solvate~~ thereof, as claimed in claim 1 in association with a pharmaceutically acceptable adjuvant, diluent or carrier.

11-19. (Cancelled)

20. (New) A compound of formula (I) or a pharmaceutically acceptable salt as claimed in claim 1 and wherein:

R^1 represents benzyl substituted by one or more C_1 - C_6 alkyl, C_1 - C_6 alkoxy or halogen atoms; and

one of R^2 and R^3 is hydrogen and the other is $CH(CH_3)CH_2OH$, $CH(Et)CH_2OH$, $C(CH_3)_2CH_2OH$ or $CH(CH_2OH)_2$.